

Converting Colors

$Y_{xy}(34.3934, 0.4781, 0.3436)$

Have a look what the booklet for
Yxy(34.3934, 0.4781, 0.3436)
contains.

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Color

Yxy(34.2477, 0.4784, 0.3437)

Conversions

Conversions Part 1

Format	Color
Hex	F7786A
RGB	247, 120, 106
RGB Percent	97%, 47%, 42%
CMY	0.0314, 0.5293, 0.5844
CMYK	0.00, 0.51, 0.57, 0.03
HSL	6°, 90%, 69%
HSV	6°, 57%, 97%
XYZ	47.6698, 34.2477, 17.7267
YIQ	156.3770, 80.1860, 22.5700

Conversions

Conversions Part 2

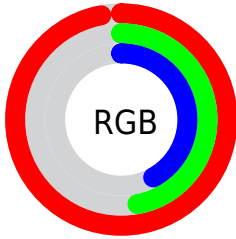
Format	Color
R _Y B	247, 122, 106
Decimal	16218218
CIE Lab	65.16, 47.43, 30.72
CIE LCh	65, 56.514, 32.929
Yxy	34.2477, 0.4784, 0.3437
Android (android.graphics.Color)	4294408298 (0xFFFF7786A)
YUV	156.3770, -24.8359, 79.4764
Hunter-Lab	58.5215, 42.9877, 23.0056

Details

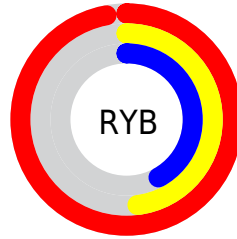
The Yxy color **34.2477, 0.4784, 0.3437** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **68.0161, 0.2376, 0.3117**, and the grayscale version is **33.5113, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.3543, 0.4014, 0.3482**, and **14.6341, 0.5292, 0.3400** is the 20% darker color. If you saturate the color by 10%, you get **29.0644, 0.5238, 0.3445**, and if you desaturate by 10%, it is **40.8244, 0.4365, 0.3418**.

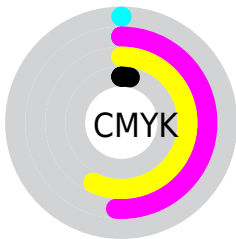
Distribution



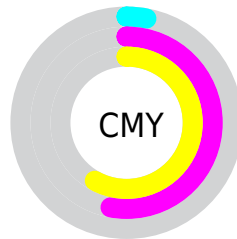
- Red (97%)
- Green (47%)
- Blue (42%)



- Red (97%)
- Yellow (48%)
- Blue (42%)



- Cyan (0%)
- Magenta (51%)
- Yellow (57%)
- Black (3%)




- Cyan (3%)
- Magenta (53%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.2477, 0.4784, 0.3437 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 34.2477, 0.4784, 0.3437 by changing the saturation by 10% instead.


 34.2477, 0.4784,
0.3437


 34.2477, 0.4784,
0.3437


321.2351, 0.3912,
0.3414


 23.0840, 0.5008,
0.3423


 66.3187, 0.4461,
0.3443


 14.6555, 0.5295,
0.3391


 87.9947, 0.4341,
0.3441

 8.5780, 0.5672,
0.3326


 113.9436, 0.4241,
0.3437

 4.4670, 0.6176,
0.3192

 144.5498, 0.4155,
0.3433

 1.9380, 0.7019,
0.2981

180.1976, 0.4082,
0.3428

 0.5711, 0.7801,
0.2199

221.2715, 0.4018,

 0.0000, 1.0000,

0.3424

0.0000

268.1559, 0.3962,
0.3419

■ 0.0000, 0.0000,
0.0000

■ 34.2477, 0.4784,
0.3437

■ 34.2477, 0.4784,
0.3437

■ 29.0644, 0.5238,
0.3445

■ 40.8244, 0.4365,
0.3418

■ 25.1689, 0.5681,
0.3435

■ 48.8796, 0.4001,
0.3392

■ 22.4491, 0.6051,
0.3405

■ 58.4976, 0.3698,
0.3363

■ 20.7703, 0.6290,
0.3360

■ 69.7552, 0.3449,
0.3335

■ 20.4492, 0.6338,
0.3350

■ 82.7238, 0.3247,
0.3308

97.4708, 0.3083,
0.3283

98.5106, 0.3078,
0.3290

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



34.2477, 0.4240, 0.2848



34.2477, 0.4784, 0.3437



34.2477, 0.4777, 0.4062

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



34.2477, 0.4784, 0.3437



34.2477, 0.2725, 0.4569



34.2477, 0.1955, 0.2007

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



34.2477, 0.4784, 0.3437



68.0161, 0.2376, 0.3117

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



34.2477, 0.1682, 0.2226



34.2477, 0.4784, 0.3437



34.2477, 0.2063, 0.3679

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



34.2477, 0.4784, 0.3437



34.2477, 0.3543, 0.4912



34.2477, 0.1711, 0.2786



34.2477, 0.2529, 0.2067

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



34.2477, 0.4784, 0.3437



34.2477, 0.4496, 0.4459



34.2477, 0.1711, 0.2786



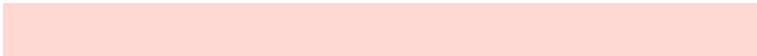
34.2477, 0.1831, 0.2046

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



34.2495, 0.4784, 0.3437



75.0917, 0.3447, 0.3335



36.0851, 0.3302, 0.2036



15.5196, 0.3493, 0.3340



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



34.2495, 0.4784, 0.3437



30.2973, 0.5330, 0.3444



56.8749, 0.4294, 0.4141



16.7480, 0.3291, 0.3314



10.9085, 0.6322, 0.3362



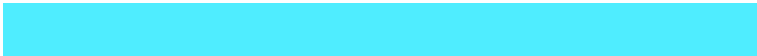
1.0460, 0.6161, 0.3490

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



68.0161, 0.2376, 0.3117



69.7250, 0.2280, 0.3075



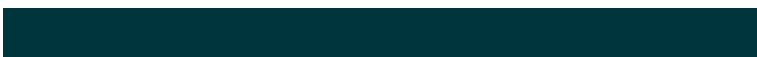
36.5890, 0.2179, 0.2206



18.4590, 0.2981, 0.3266



31.4106, 0.2160, 0.2974



2.8407, 0.2171, 0.3017

Previews

White Background



This preview shows how the Yxy color 34.2477, 0.4784, 0.3437 looks on a white background.

Color Contrast Check

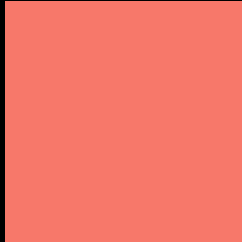
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 34.2477, 0.4784, 0.3437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 34.2477, 0.4784, 0.3437

Background



This preview shows how black text looks on a background with the Yxy color 34.2477, 0.4784, 0.3437.



This preview shows how white text looks on a background with the Yxy color 34.2477, 0.4784, 0.3437.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

34.2477, 0.4784, 0.3437

Protanopia

34.2939, 0.3577, 0.3822

Deuteranopia

34.4529, 0.4056, 0.3991



Tritanopia

34.1597, 0.4586, 0.3212

Trichromacy



Original Color

34.2477, 0.4784, 0.3437

Protanomaly

33.0778, 0.4007, 0.3666

Deuteranomaly

33.5644, 0.4331, 0.3762

Tritanomaly

34.2213, 0.4665, 0.3295

Monochromacy



Original Color

34.2477, 0.4784, 0.3437

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

32.2987, 0.3683, 0.3361

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.2477, 0.4784, 0.3437 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(247, 120, 106)` looks like.

```
.text, #text, p{  
    color:rgb(247, 120, 106)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(247, 120, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 120, 106) }
```

Border

The CSS property to change the border of an element to Yxy 34.2477, 0.4784, 0.3437 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(247, 120, 106) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(247, 120, 106) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(247, 120, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 120, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 120, 106);  
box-shadow:4px 4px 4px 4px rgb(247, 120,  
106) }
```


Background

The CSS property to change the background color of an element to Yxy 34.2477, 0.4784, 0.3437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 120, 106) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(247,  
120, 106) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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